



Procedure

Add 50 mL of H₂O into the digestion vessel. Add 0.5 g of K₂S₂O₈ and 1 mL of H₂SO₄. Gently swirl the mixture and wait approximately 15 minutes before capping the vessel.

Notes

Recommended Equipment

Discover SP-D 80

Recommended Vessels

80 mL Quartz

Reagents

K₂S₂O₈
H₂SO₄

Max Sample Weight

50 mL H₂O

Sample Type / Vent Program

Inorganic

Control Type

Ramp to Temperature

Heating Program

Stage	Temp (°C)	*Ramp (mm:ss)	Hold (mm:ss)	Pressure (psi)	* Power (W)	Stirring
1	170	5:00	10:00	400	300	Med

* Ramp times and power may vary depending on the type and number of vessels.

Results

Sample was clear, colorless, and particle free upon dilution to 50 mL.

General Precaution

- This procedure is a reference point for sample digestion using a CEM system and may need to be modified or changed to obtain the required results on your sample.
- If using a vessel other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.